

PHILIPS

Lighting



GreenPerform Highbay Rectangular

BY570P LED200/CW PSD NB GM

Transparent dome

As the first IP65 rectangular LED highbay under the GreenPerform family, the GreenPerform Highbay Rectangular with dedicated optical design, leading system efficiency and compact dimensions, is the optimised solution for warehousing and logistics-related applications.

Product data

General Information

Lamp colour code	865 cool daylight
Optical cover/lens type	Transparent dome
Control interface	DALI
Protection class IEC	Safety class I
CE mark	CE mark
Number of products on MCB (16 A type B)	8
LED engine type	LED

Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Power factor (min.)	0.95

Controls and Dimming

Dimmable	Yes
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Mechanical and Housing

Housing material	Aluminium die-cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall length	27 mm
Overall width	11 mm
Overall height	34 mm
Colour	Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	20000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	132 lm/W
Lamp colour temperature	6500 K

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Colour Rendering Index	>80
Initial input power	152 W
Power consumption tolerance	+/-10%

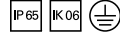
Application Conditions

Ambient temperature range	-30 to +45 °C
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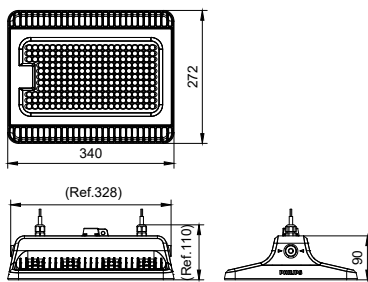
Product Data

Full product code	911401595161
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Order product name	BY570P LED200/CW PSD NB GM
Order code	911401595161
Numerator – quantity per pack	1
SAP numerator – packs per outer box	2
Material no. (12 NC)	911401595161
Net Weight (Piece)	4.399 kg



Dimensional drawing



High-bay/ low-bay LED

